

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	178	181/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/04 16:25
S2	1	("6234758").PN.	USPAT; USOCR	OR	OFF	2007/01/09 15:34
S3	745	181/250,273,266,276,271,278.ccls. not 181/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 13:52
S4	9	((("2297046") or ("5349141") or ("5475189") or ("6422192") or ("6494290") or ("6508331") or ("6609489") or ("6644436"))).PN.	USPAT; USOCR	OR	OFF	2006/07/07 17:13
S5	1	("6069840").PN.	USPAT; USOCR	OR	OFF	2006/07/24 12:42
S6	16	((("5085177") or ("5283398") or ("5349141") or ("5771851") or ("5894923") or ("5930371") or ("5950587") or ("6069840") or ("6408810") or ("6422192") or ("6435152") or ("6508331") or ("6557512") or ("6634343") or ("6698390") or ("6732510"))).PN.	USPAT; USOCR	OR	OFF	2006/07/24 12:43
S7	985	(dual twin multi multiple) near resonator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 13:39
S8	254	(dual twin multi multiple) near resonator and variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 13:39
S9	192	123/184.57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 13:54
S10	13	("4538556"   "4546733"   "5107800"   "5156116"   "5441023"   "6155224"   "6192850").PN. OR ("6422192").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 13:57

## EAST Search History

S11	2	((("6792907") or ("5377629"))).PN. or (2003/0230273).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 14:10
S12	3	((("6792907") or ("5377629") or ("20030230273"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 14:10
S13	16	("4546733"   "5040495").PN. OR ("5377629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 14:24
S14	315	123/184.53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/24 14:24
S15	0	("2006/0027204").URPN.	USPAT	OR	OFF	2006/07/24 14:33
S16	6	("3850261"   "4298090"   "5103931").PN. OR ("6069840"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 16:04
S18	2189	resonator and piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 18:21
S19	2199826	resonator and piston and dual chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:05
S20	17	resonator and piston and "dual chamber"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:06
S21	613	resonator with piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:15

## EAST Search History

S23	441	resonator with plunger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:15
S24	280	181/277,271,219.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/04 16:32
S25	12	("4539947"   "4546733"   "5060271"   "5283398"   "5493080"   "5571239"   "6006859"   "6105546"   "6202409"   "6508331"   "6510920").PN. OR ("6732509"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 16:26
S26	16	("2818132"   "3073413"   "3121469"   "3750839").PN. OR ("5283398").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 17:13
S27	280	181/277,271,219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 16:32
S28	3399	kino.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 16:34
S29	3	("20030230273"   "5377629"   "6792907").PN. OR ("7089901"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 16:37
S30	18	("4546733"   "5040495").PN. OR ("5377629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 16:37

## EAST Search History

S31	29	("3620330"   "3642095"   "3712412"   "4665549"   "4677676"   "4677677"   "5044464"   "5088575"   "5119427"   "5206911"   "5216721"   "5216722"   "5377629"   "5390255"   "5418873"   "5420932"   "5423658"   "5446249"   "5513266"   "5541373"   "5598479"   "5621656"   "5628287"   "5636286").PN. OR ("5930371").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 16:41
S32	209	resonator same "side branch"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:42
S33	5132	resonator same (piston plunger cylinder, "pushing rod")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:47
S34	70	resonator same (piston plunger cylinder, "pushing rod")and "side branch"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 16:48
S35	27	("20020000343"   "4538556"   "4539947"   "4546733"   "4928638"   "4974568"   "5216985"   "5333576"   "5377629"   "5474039"   "5621656"   "5628287"   "5662086"   "5722358"   "5771851"   "5894823"   "6047677"   "6105546"   "6192850"   "6250272"   "6289864"   "6295363"   "6422192"   "6698390").PN. OR ("6792907").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 17:02
S36	31	("1114511"   "1289425"   "3254484"   "4359028"   "4422415").PN. OR ("4546733").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 17:08

## EAST Search History

S37	10	("4538556"   "5377629"   "5771851"   "5957102"   "6009705"   "6105546"   "6267092"   "6422192"   "6494290"   "6609489").PN. OR ("7055484").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 17:11
S38	835	resonator with valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 17:13
S39	29	cornaglia.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:03
S40	0	tarabochia.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:04
S41	21	tARABOCCHIA.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:04
S42	1001	resonator same piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 14:56
S43	330	(123/184.53).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:56

## EAST Search History

S44	1077	(123/184.53,184.54,184.55,184.56,184.58,184.59,184.57).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:57
S45	1	("2003/0230273").URPN.	USPAT	OR	OFF	2007/01/09 15:01
S46	3	("20030230273"   "5377629"   "6792907").PN. OR ("7089901").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:03
S47	0	"resonance sound absorbing mechanism".ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:03
S48	1	"resonance sound absorbing mechanism".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:03
S49	9	("3796048"   "4353211"   "4444013"   "4513699").PN. OR ("4858569").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:22
S50	13	("4064696"   "4353211"   "4513699"   "4565166"   "4622926"   "4625686"   "4630575"   "4838215"   "4858569").PN. OR ("4974568").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:23
S51	6	("3850261"   "4298090"   "5103931").PN. OR ("6069840").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:28
S52	27	((("3141519") or ("4537279") or ("4715279") or ("5214254") or ("5611409") or ("6367580") or ("2072372") or ("3219144") or ("4537279") or ("3253676") or ("6178745") or ("3969895") or ("1859400") or ("6732510") or ("6901752") or ("6915876") or ("4006793") or ("61658546") or ("4428453") or ("3076521") or ("3219144") or ("4699244") or ("4903486") or ("5489753"))).PN.	USPAT; USOCR	OR	OFF	2007/01/09 15:37

## EAST Search History

S53	28	((("3141519") or ("4537279") or ("4715279") or ("5214254") or ("5611409") or ("6367580") or ("2072372") or ("3219144") or ("4537279") or ("3253676") or ("6178745") or ("3969895") or ("1859400") or ("6732510") or ("6901752") or ("6915876") or ("4006793") or ("6158546") or ("4428453") or ("3076521") or ("3219144") or ("4699244") or ("4903486") or ("5489753"))).PN.	USPAT; USOCR	OR	OFF	2007/01/09 15:37
S54	1939	resonator and piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 18:20
S55	1709	resonator and piston and (sound noise acoustic pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 18:21
S56	10	("4538556"   "4539947"   "6105546"   "6192850"   "6422192"   "6494290"   "6609489"   "6732509"   "6758304"   "6848410").PN. OR ("7077093").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 18:33
S57	15	("2514344"   "3141519"   "3219141"   "3750840"   "4537279").PN. OR ("5475189").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 11:17